

ABSTRACT

**VERTICAL CAROUSEL AND VERTICAL TRANSPORTATION METHOD
USING THE VERTICAL CAROUSEL**

5 An inner wall surrounding an inner space for vertically circulating a rack, and an
outer wall surrounding the inner wall are provided. Then, a rack is disposed in the inner
space. A pair of extensions are provided at diagonal positions of the rack. The
extensions are attached to an endless drive member in a manner that the extensions
protrude toward an outer space between the inner wall and the outer wall through slits of
the inner wall, and, a drive mechanism for a drive member is provided in the outer space.
Further, a tunnel passing through the outer space to connect the inner space and an area
10 outside of the vertical carousel is provided for transportation of an article into, and out of
the tunnel.